

CLIMATOLOGICAL DATA

TEXAS SECTION

LAWRENCE H. DAINGERFIELD, Meteorologist

VOL. XXX HOUSTON, TEX., DECEMBER, 1925 No. 12

GENERAL SUMMARY

December averaged much colder and drier than normal, the first half of the month being comparatively warm and the latter half unusually cold, while all sections, except the coast, reported deficient precipitation.

By divisions the mean temperature departures ranged from plus 0.3° in the northwestern to minus 6.6° in the coast; the northwestern being the only division with an excess of temperature. A cold wave overspread the State about the middle of the month and was followed by persistently cold weather, culminating in a severe freeze extending to the lower coast from the 27th to 31st. All tender vegetation was killed by this freeze and some damage was done to oats, hardy truck, and citrus fruits.

Precipitation was light in all sections, except the coast, where locally heavy, but was fairly well distributed throughout the month. Snow fell in all sections, flurries being reported as far south as the Lower Rio Grande Valley during the last week.

The mean precipitation for the month by divisions and departures from their normals in inches follow: Northwestern, 0.12 and minus 0.73; northeastern, 0.36 and minus 2.47; western, 0.19 and minus 0.68; central, 0.76 and minus 2.57; eastern, 1.27 and minus 3.70; southwestern, 1.61 and minus 0.33; and coast, 3.65 and plus 0.30.

The condition of winter wheat, oats, and pastures ranged from fair to good, but their progress was only fair, moisture being deficient in most sections. Cotton gathering was practically completed and rice threshing made satisfactory progress. Plowing was well advanced at the close of the month, except in the coast section, where the soil was too wet. Truck and citrus shipments were unusually large until delayed by the freeze at the close of the month.

E. A. F.

PRESSURE, WIND, AND SUNSHINE

Stations	Barometer					Wind				Sunshine, per cent of possible
	Mean	Highest	Date	Lowest	Date	Total movement, in miles	Maximum velocity		Date	
							Miles per hour	Direction		
Abilene.....	30.16	30.85	28	29.47	3	7,193	40	sw.	3	66
Amarillo.....	30.13	30.84	27	29.34	19	7,721	28	sw.	2	68
Brownsville.....	30.12	30.67	28	29.62	3	7,125	35	n.	4	27
Corpus Christi.....	30.16	30.77	28	29.60	-3	8,709	38	n.	27	46
Dallas.....	30.16	30.88	28	29.46	3	6,494	40	nw.	4	66
Del Rio.....	30.13	30.82	28	29.58	3	5,772	46	nw.	3	40
El Paso.....	30.14	30.59	27	29.66	13	7,100	42	nw.	19	65
Fort Worth.....	30.14	30.88	28	29.46	3	7,738	46	nw.	4	85
Galveston.....	30.15	30.75	28	29.68	4	8,646	44	nw.	4	44
Groesbeck.....	30.15	30.82	28	29.53	3	8,315	42	w.	4	58
Houston.....	30.15	30.75	28	29.63	3	5,525	23	n.	27	48
Port Arthur.....	30.15	30.80	28	29.56	3	5,593	30	ne.	27	48
San Antonio.....	30.13	30.75	28	29.03	4	7,032	38	nw.	4	42
Taylor.....	30.16	30.82	28	29.59	3	5,626	45	nw.	4	40
	30.20	30.84	28	29.56	3	6,817	34	nw.	4	50

TEMPERATURE

The monthly mean for the State, as shown by the records of 128 stations, was 45.4°, which is 4.4° below the State normal. The highest monthly mean was 54.6° at Mercedes, and the lowest, 34.0° at Dalhart. The highest daily temperature was 94° at Ricardo on the 2d, and the lowest, 4° at Romero on the 28th. The monthly range within the State limits was 90°; and the greatest daily range, 61° at Miami on the 27th.

PRECIPITATION

The average for the State, as shown by the records of 229 stations, was 1.17 inches, which is 0.99 inch less than the State normal. The greatest monthly amount was 6.61 inches at Mission, while there was none at 21 stations and only a trace at 25 other stations. Excessive amounts of 2.50 inches or more in 24 consecutive hours occurred at but one station, being 3.42 inches at Jefferson on the 14th. The greatest monthly amount of snowfall was 8.5 inches at O 2 Ranch. The average number of days with 0.01 inch or more of precipitation was 4.

RELATIVE HUMIDITY

Stations	Mean					Stations	Mean						
	8 a. m.	Noon*	Highest	Date	Lowest		Date	8 a. m.	Noon*	Highest	Date	Lowest	Date
Abilene.....	65	33	98	1	15	19	Galveston.....	84	72	100	14	39	5
Amarillo.....	69	51	100	3	29	26	Groesbeck.....	76	51	99	14	22	23
Brownsville.....	87	70	100	20	22	5	Houston.....	86	61	100	13	32	12
Corpus Christi.....	82	68	99	1	35	4	Palestine.....	74	54	100	13	30	5
Dallas.....	67	44	95	14	19	5	Port Arthur.....	82	60	100	20	20	6
Del Rio.....	77	61	98	14	27	5	San Antonio.....	76	60	100	13	19	19
El Paso.....	52	35	90	31	13	16	Taylor.....	73	49	100	14	20	5
Fort Worth.....	63	46	100	27	12	6							

*Local mean time *Also on other dates

COMPARATIVE DATA FOR DECEMBER

Year	Temperature				Precipitation		Number of days				Prevailing direction of wind
	Mean	Departure	Highest	Lowest	Average	Departure	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	
1891.....	51.0	+ 1.2	90	8	4.42	+2.26	8	12	8	11	s.
1892.....	48.4	- 1.4	90	0	3.33	+1.17	9	11	8	11	n.
1893.....	53.6	+ 3.8	89	4	0.86	- 1.30	4	15	3	8	s.
1894.....	52.4	+ 2.6	97	-10	0.77	- 1.39	4	12	11	6	s.
1895.....	49.0	- 0.8	85	0	1.91	- 0.25	6	15	10	6	n.
1896.....	50.8	+ 1.0	92	9	1.85	- 0.31	3	19	5	7	n.
1897.....	46.3	- 3.5	87	- 1	2.37	+ 0.21	7	15	5	11	n.
1898.....	44.0	- 5.8	92	- 2	2.13	- 0.03	4	16	6	9	n.
1899.....	49.0	- 0.8	90	11	1.42	- 0.74	6	15	5	11	n.
1900.....	50.3	+ 0.5	90	1	1.26	- 0.90	3	19	4	8	n.
1901.....	48.1	- 1.7	92	- 2	1.05	- 1.11	3	19	5	7	n.
1902.....	49.5	+ 0.3	88	11	2.01	- 0.15	5	14	6	11	u.
1903.....	50.3	+ 0.5	92	10	1.28	- 0.88	3	18	4	9	n.
1904.....	49.4	- 0.4	92	7	2.06	- 0.10	4	17	5	9	n.
1905.....	43.9	- 5.9	86	7	3.62	+ 1.46	6	16	4	11	u.
1906.....	54.3	+ 4.5	91	14	2.11	- 0.05	4	13	7	11	s.
1907.....	52.3	+ 2.5	85	5	2.00	- 0.15	3	18	5	7	n.
1908.....	52.1	+ 2.3	93	8	1.15	- 1.01	3	13	7	11	n.
1909.....	43.3	- 6.5	89	- 11	3.55	+ 0.30	5	16	5	11	u.
1910.....	50.1	+ 0.3	89	4	2.26	+ 0.10	4	13	7	11	n.
1911.....	46.3	- 3.5	89	- 12	4.32	+ 2.78	7	12	5	14	n.
1912.....	46.3	- 3.5	89	- 12	2.75	+ 0.59	8	12	5	14	n.
1913.....	47.7	- 2.1	91	- 4	5.03	+ 2.87	8	12	6	13	u.
1914.....	42.4	- 7.4	81	3	3.54	+ 1.38	9	9	4	18	n.
1915.....	52.0	+ 2.2	90	- 12	1.95	- 0.21	4	16	6	9	s.
1916.....	50.3	+ 0.5	90	- 11	0.69	- 1.47	2	18	7	6	s.
1917.....	46.0	- 3.8	95	0	3.18	- 1.98	1	17	7	7	n.
1918.....	49.8	- 0.0	90	- 6	3.59	+ 1.43	6	15	6	10	n.
1919.....	47.7	- 2.1	89	- 6	1.12	- 1.64	4	12	7	12	n.
1920.....	50.0	+ 0.2	92	5	1.50	- 0.66	3	18	6	7	n.
1921.....	55.0	+ 5.2	98	6	1.49	- 0.67	3	18	7	6	s.
1922.....	54.6	+ 4.8	93	6	2.59	- 1.57	3	16	7	8	s.
1923.....	51.2	+ 1.4	90	- 5	5.47	+ 3.31	10	8	7	16	n.
1924.....	47.1	- 2.7	97	- 5	1.80	- 0.36	5	11	8	12	n.
1925.....	45.4	- 4.4	94	4	1.17	- 0.99	4	14	7	10	n.

Note.—New State normals are now in use, based on means of all temperature and rainfall records to and including 1924, with resultant slight changes in departures in above table.

Climatological Data for December, 1925

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahrenheit						Precipitation, in inches				Number of days			Prevailing direction of wind	Observers			
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest in 24 hours	Total snowfall, unmelted	With precipit'n, 0.01 inch or more	Clear			Partly cloudy	Cloudy	
<i>Northwestern</i>																					
Albany	Shackelford	1,429	31	45.8	+ 1.2	78	3†	16	23	43	T.	-1.63	T.	0	0	22	4	5	n.	T. F. Dodge	
Amarillo	Potter	3,678	33	37.6	+ 0.6	70	26	10	28	50	0.37	-0.46	0.30	3.3	3	17	7	7	w.	U. S. Weather Bureau	
Aspermont	Stonewall	1,765	12	...	...	...	...	...	...	...	0.05	-0.94	0.05	0	1	23	4	4	...	J. S. Zant
Booker	Lipscomb	3,125	3	...	...	...	...	...	...	...	0.25	...	0.25	T.	1	8	22	1	sw.	H. H. Mitchell
Breckenridge	Stephens	1,204	2	43.3	...	70	3	16	28	31	0.00	...	0.00	0	0	16	11	4	n.	Walker-Caldwell W. Co.	
Brownfield	Terry	3,375	10	...	...	...	...	...	...	...	0.00	-0.56	0.00	0	0	...	...	...	...	John B. King
Canadian	Hemphill	2,339	16	37.0	+ 0.5	71	2	6	28	45	0.24	-0.58	0.24	1.0	1	22	2	7	n.	R. M. Hibbard	
Canyonville	Randall	3,577	2	...	...	...	...	...	...	...	0.30	...	0.30	0	1	...	...	...	...	C. W. Warwick
Childress	Childress	1,869	27	...	...	...	...	...	...	...	0.00	-0.87	0.00	0	0	...	...	...	...	C. C. Badgett
Chillicothe	Hardeman	1,406	19	...	...	...	...	...	...	...	0.17	-1.06	0.17	0	1	...	...	...	...	C. W. Underwood
Clarendon	Donley	2,719	18	37.4	- 0.8	72	1	8	28	41	T.	-0.96	T.	T.	0	28	0	3	n.	Joe Goldston	
Claude	Armstrong	3,397	22	...	...	...	...	...	...	...	T.	-0.63	T.	T.	0	16	5	10	...	Art. Ft. W. & D. C. Ry
Crosbyton	Crosby	3,008	38	40.7	- 0.2	76	10	9	28	53	0.82	+0.21	0.60	T.	2	19	7	5	sw.	S. W. Cooper	
Crowell	Foard	1,950	3	...	...	...	...	...	...	...	0.60	...	0.60	0	1	...	...	...	...	M. L. Hughton
Dallhart	Dallam	3,998	19	34.0	+ 1.8	70	2	7	28†	47	0.11	-0.50	0.06	0.5	2	15	12	3	nw.	J. H. Roy	
Dimmitt	Castro	3,851	2	...	...	...	...	...	...	...	0.06	...	0.06	0	1	...	...	...	...	Edwin Ramey
Dundee (near)	Archer	1,225	3	...	...	...	...	...	...	...	T.	...	T.	T.	0	13	10	2	sw.	M. L. Banta
Haskell	Haskell	1,553	31	42.0	- 2.2	75	3	16	28	44	T.	-1.00	T.	0	0	23	2	6	n.	F. D. Sanders	
Lamesa	Dawson	2,500	15	...	...	...	...	...	...	...	0.00	-0.61	0.00	0	0	...	...	...	...	W. Sam Moore
Lieb (near)	Hutchinson	3,625	18	35.2	+ 1.2	71	2	5	28	48	0.05	-0.83	0.05	0.5	1	17	12	2	s.	W. L. Waters	
Lubbock	Lubbock	2,900	14	38.6	+ 0.4	73	12	12	28	46	0.21	-0.49	0.15	1.5	2	16	6	9	sw.	Texas Agr. Ex. Station	
Memphis	Hall	2,067	16	43.9	+ 4.7	78	9†	12	28	50	0.90	-0.74	0.00	0	0	24	6	1	n.	J. J. McIllickin	
Miami	Roberts	2,743	22	38.3	+ 1.5	69	26†	5	28	61	T.	-0.80	T.	0	0	0	2	4	5	w.	R. J. Cantrell
Muleshoe	Riley	3,704	4	...	...	...	...	...	...	...	0.00	...	0.00	0	0	...	...	...	...	R. J. Klump
Munday	Knox	1,483	12	...	...	...	...	...	...	...	0.20	-0.69	0.20	0	1	20	3	6	n.	A. E. Whittemore
Paducah	Cottle	1,536	12	...	...	...	...	...	...	...	0.36	-0.53	0.36	0	1	19	5	7	nw.	C. M. Grayum
Panhandle	Carson	3,450	16	...	...	...	...	...	...	...	0.05	-0.97	0.03	0	2	...	...	...	...	J. Sid O'Keefe
Perryton	Ochiltree	3,375	17	...	...	...	...	...	...	...	0.10	-0.71	0.10	0	1	...	...	...	...	Jack Allen
Plains	Yoakum	3,700	1	...	...	...	...	...	...	...	0.30	...	0.30	3.0	1	14	8	9	n.	P. Z. Conrad
Plainview	Hale	3,370	31	39.6	- 1.2	70	12†	10	28	54	T.	-0.63	T.	T.	0	20	6	5	u.	Texas Land & Dev. Co.	
Post Ft.	Garza	2,700	14	...	...	...	...	...	...	...	0.00	-0.82	0.00	0	0	...	...	...	...	V. A. Robinson
Quannah	Hardeman	1,563	23	43.4	+ 2.0	72	2†	13	28†	45	0.00	-1.10	0.00	0	0	...	...	...	...	W. H. Crawford
Romero	Hartley	4,056	13	35.8	+ 0.7	70	2	4	28	45	0.20	-0.82	0.10	1.0	2	19	9	3	n.	R. S. Chamberlain	
Seminole	Gaines	3,275	3	43.0	...	73	14	8	28	46	0.00	...	0.00	0	0	21	5	5	sw.	B. B. Curry	
Seymour	Baylor	1,291	11	41.8	- 1.4	78	13	13	28	43	0.02	-1.33	0.02	0	1	...	...	...	...	Mrs. Veda Daugherty
Silverton	Briscoe	3,050	1	...	...	...	...	...	...	...	0.00	...	0.00	0	0	...	...	...	...	J. D. King
Snyder	Scurry	2,450	14	41.4	+ 0.4	65	2†	15	21	33	T.	-0.86	T.	0	0	1	29	1	n	William Wilsford	
Spearman	Hansford	3,250	5	...	...	...	...	...	...	...	0.10	...	0.10	0	1	...	...	...	...	Fred W. Brandt
Spur	Dickens	2,300	14	38.8	- 2.8	72	13†	11	28	53	0.24	-0.62	0.24	0	1	12	18	1	sw.	Texas Agr. Ex. Station	
Throckmorton	Throckmorton	1,550	1	44.6	...	74	12†	7	27	56	T.	...	T.	T.	0	20	6	5	sw.	T. C. Whitley	
Tulia	Swisher	3,501	24	...	...	...	...	...	...	...	0.58	...	0.58	3.0	1	21	9	1	w.	J. W. Miller
Vega	Oldham	4,000	2	34.1	...	65	2	7	28	38	0.58	...	0.58	0	1	21	9	1	w.	Dr. O. H. Loyd	
Wichita Falls	Wichita	955	30	45.0	...	73	13	14	28	51	0.16	-1.51	0.15	T.	2	17	7	7	w.	Wichita Falls Elec. Co.	
<i>Northcentral</i>																					
Arthur City	Lamar	411	33	...	...	...	...	...	...	...	0.38	-2.24	0.26	0	2	...	...	...	...	J. F. Maxey
Bonham	Fannin	566	21	41.2	- 3.8	77	3	11	28	46	0.05	-2.71	0.04	T.	2	15	10	6	n.	J. B. Vinton	
Bowie	Montague	1,124	30	43.9	- 0.9	77	3	11	28	43	0.12	-1.42	0.12	0.3	1	17	4	10	n.	Craig Anderson	
Brazos	Palo Pinto	800	16	...	...	...	...	...	...	...	T.	-1.75	T.	0	0	...	...	...	...	N. E. Grissom
Bridgeport	Wise	754	16	...	...	...	...	...	...	...	0.01	-1.74	0.01	0.1	1	...	...	...	...	Minnie Sensibaugh
Carrollton	Dallas	448	2	...	...	...	...	...	...	...	0.07	...	0.05	0	2	...	...	...	...	J. L. Coleman
Clarksville	Red River	442	25	43.5	- 3.2	73	3†	12	28	37	0.52	-4.01	0.52	0	1	19	6	6	...	E. C. O'Neill	
Dallas	Dallas	512	46	45.3	- 1.7	80	3	15	28	35	0.03	-2.47	0.03	T.	1	16	9	6	nw.	U. S. Weather Bureau	
Denison (near)	Grayson	550	23	...	...	...	...	...	...	...	T.	-2.47	T.	0	0	...	...	...	...	D. O. Cox
Denton	Denton	621	12	44.0	- 1.3	79	3	12	23	43	0.01	-2.28	0.01	T.	1	18	7	6	nw.	Texas Agr. Ex. Station	
Finley II	Bowie	257	15	...	...	...	...	...	...	...	0.75	-2.54	0.75	0	1	...	...	...	...	J. A. Ellis
Fort Worth	Tarrant	670	39	46.0	- 1.5	80	3	16	28	35	0.04	-1.80	0.04	0.1	1	14	9	8	nw.	U. S. Weather Bureau	
Gainesville	Cooke	738	35	42.9	- 1.7	77	3†	13	23	49	0.00	-2.08	0.00	0	0	...	...	...	...	J. L. Hickson
Greenville	Hunt	550	25	42.8	- 2.8	77	3	12	28	40	0.13	-2.67	0.11	0	2	...	...	...	...	Mrs. Gertrude D. Pitts
Henrietta	Clay	915	33	42.2	- 1.1	77	3	12	28	42	T.	-1.23	T.	T.	0	0	...	...	...	Konrad Kelley
Honey Grove	Fannin	660	8	...	...	...	...	...	...	...	T.	...	T.	0	0	18	6	7	nw.	R. M. McCleary
Index II	Bowie	234	8	...	...	...	...	...	...	...	T.	...	T.	0	0	...	...	...	...	H. G. Sanderson
Jefferson	Marion	219	15	...	...	...	...	...	...	...	3.81	-1.33	3.42	0	2	...	...	...	...	H. H. Meisenheimer
Kaufman	Kaufman	448	26	47.4	- 0.4	82	12	14	28	45	0.60	-3.03	0.40	0	3	16	9	6	se.	F. V. Hubbard	
McKinney	Collin	612	23	45.8	- 0.5	79	3	12	23†	45	T.	-3.05	T.	0	0	25	1	5	n.	E. F. Skelton	
Mount Pleasant	Texas	416	3	42.4	...	75	12	14	28	43	0.05	-2.38	0.05	0	1	18	2	13	nw.	Chas. M. Coker	
Paris	Lamar	592	37	42.4	- 3.3	74	3	13	28†	38	0.42	-3.38	0.25	0	3	12	8	11	n.	Robt. A. Miller	
Ringo Crossing II	Hopkins	500	15	...	...	...	...	...	...	...	0.40	-3.34	0.35	0	2	...	...	...	...	J. W. Boyd
Sherman	Grayson	745	38	44.1	- 2.0	74	3	13	25	40	T.	-2.26	T.	T.	0	8	15	8	s.	R. N. Gibbs	
Sulphur Springs	Hopkins	530	20	...	...	...	...	...	...	...	0.38	-2.86	0.38	0	1	...	...	...	...	Thomas F. Owen
Weatherford	Parker	1,010	39	43.6	- 1.7	79	3	14	28	42	0.09	-1.88	0.06	0	2	24	1	6	n.	Miss J. Stickfort	
Winfield (near)	Franklin	475	14</																		

Climatological Data for December, 1925-Continued

Table with columns: Stations, Counties, Elevation, Length of record, Temperature (Mean, Departure from normal, Highest, Date, Lowest, Date, Greatest daily range), Precipitation (Total, Departure from normal, Greatest in 24 hours, Total snowfall, With precip'n. 0.01 inch or more), Number of days (Clear, Partly cloudy, Cloudy), Prevailing direction of wind, Observers.

Daily Precipitation for December, 1925--Continued

Stations	Drainage Basin	Day of month																														Total					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31				
<i>Central--Con'd</i>																																					
Trinidad	Trinity															.89																			0.89		
Valley Junction	Brazos															.20	.15	.30			.10														0.75		
Waco	do													T	.45	T																			0.45		
Waxahachie	Trinity															.10														.80	.33				1.23		
Willis	San Jacinto																																				
<i>Eastern</i>																																					
Bon Wier	Sabine				.40												.32	.30																	1.02		
Bronson	Neches																															.01			0.01		
Dialville	do		.32											.92	.12	.06																			1.42		
Flint	do			.10									.67	.50	.06																				1.83		
Groveton	Trinity		.34											.32	.78						.15														1.59		
Henderson	Neches		.28											.82	.10	.06																			1.26		
Longview	Sabine			.10																															0.10		
Lufkin	Neches														.10	.55		.57																	1.22		
Marshall	Sabine			.15									.91	.91	.10																				2.07		
Nacogdoches	Neches			.23							.07			.26	.12	.23					.02						T								0.93		
Rockland	do			.20									.10	.70																					1.00		
Troup	do			.29									.69	.19	.04	T																			1.21		
Wiergate	Sabine			.40									.50	1.20	.70	.15														.40					3.85		
<i>Southwestern</i>																																					
Austin	Colorado							.19						.05	.08	.15			.02	.14															0.63		
Big Wells	Nueces						.34							.21		.31																				0.94	
Blanco	Guadalupe						.27								.06	.07				.17															0.87		
Boerne	San Antonio					.44				T			.09	.09	.19	.02			.13																1.07		
Colombus	Colorado			.04										.10	.30	.90			.01	.80												.09	.24		2.60		
Cotulla	Nueces						.60			T				.02	.03	.49		.50		.02	.30								.75	.60	.45	.80	.17		4.25		
Cuero	Guadalupe						.39							.26	.03	.15																	.18		1.00		
Del Rio	Rio Grande					.12								.26	.03	.49				.12	.04	.30													1.71		
Dilley	Nueces					.66								.05	.06	.37	.02	.15	T										.10				.04		1.34		
Eagle Pass	Rio Grande					.28	.02							.06	.02		.08	.12															.15			0.88	
Encinal	Nueces					.47	T						.03	T	.60	.18	.45	.02														.03	.02	.05	.10	1.95	
Falfurrias	Coast			.98										.67					.65											.25	.70	.30	T		3.55		
Flatonia	Guadalupe			.12									T		.85	.17	.02	.28														.10	.02	.02		1.58	
Floresville	San Antonio			.30											.64																					0.94	
Fort Clark	Rio Grande			.20								.20	.22		.15	T		.15												.10				T	.22	1.24	
Fort McIntosh	do			.49									T	.01	.10	.42	.12	.33	.01												.02	.03	.05	.07	.45	2.10	
Fowlerton	Nueces			.61										.73																						1.64	
George West	do							1.36																												2.62	
Gonzales	Guadalupe							.25								.18	.80			.28													.09		.13	1.73	
Hallettsville	Lavaca			.13											.04																				.27	1.84	
Hebbronville	Coast			.78											.30	.35		.18																		1.26	
Hill's Ranch	Colorado			.23										.02	.08	.05	.17			.23	T														0.80		
Hondo	Nueces			.20	.10									.08	.08	.22				.02	.23														.08	1.04	
Karnes City	San Antonio			.62											.53	.82				.08																2.05	
Kerrville	Guadalupe			T				.15						.06	.06	.04	.03			T	.20										.14	T		T	0.66		
Lagrange	Colorado			T				.05	.11					.03	.05	.64	.33			.15	.54										.06	T	.07	.02	2.05		
La Pryor	Nueces					.42								.06	.04	.09	.02	.23													.07			.06	.45	1.46	
Laredo	Rio Grande														1.07	.49		.20	.36																	3.35	
Luling	Guadalupe					.26								.07	.08	.56																				1.35	
Montell	Nueces					.21								.29	.11																					0.68	
Morris Ranch	Colorado					.10								.12	.08	.04					.22															0.76	
New Braunfels	Guadalupe					.46	.19							.03	.09	.20	.18																			1.11	
Nixon	do					.16	.09							.03	.09	.20	.18				.05															1.88	
Pearsall	Nueces					.60	.09							.05	.39	.02	.18																			2.03	
Riogrande	Rio Grande					.60								.60	.40		.50																	.80	.60	.30	3.80
Riomedina	San Antonio					.57								.43						.11																1.36	
Rossville	Nueces					.45	.31							.03	.01	.39	.02			.05														.15		1.41	
Runge	San Antonio					.57								.73	.31					.13																2.04	
Sabinal	Nueces					.30	.03							.14		.07	.05			.17																0.84	
San Antonio	San Antonio					.61	.01							.05	T	.42				.05	.06											.04	.05	T	T	1.29	
San Marcos	Guadalupe					.30								.20	T	.35	.30	T																		1.15	
Seguin	do					.29								.01		.31	.15	T		.10																0.91	
Smithville	Colorado					.02								.04	T	.50	.16			.24	.50															2.13	
Three Rivers	Nueces									1.00						.35	1.15																			3.10	
Uvalde	do					.30	.06							.15	.05	.05				.18																1.14	
Whitsett	do					.92											.84																				1.76
<i>Coast</i>																																					
Alto	Coast							.95																													

Daily Temperatures for December, 1925

Table with columns for Stations, days 1-31, and Mean. Rows list various Texas locations such as Amarillo, Canadian, Dalhart, Lubbock, etc., with their respective maximum and minimum temperatures for each day.

(For reference notes, see bottom of page 96)

Daily Evaporation (inches) and Wind Movement (miles) for December, 1925
See temperature and precipitation data in Climatological Tables

Stations	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hill's Ranch...	Evaporation..	.062	.064	.074	.205	.186	.081	.081	.082	.096	.052	.033	.088	.073	.018	.198	.018	.062	.066	.025	.074	.136	.059	.078	.084	.046	.116	.019	*	*	*	4.56	2.577
	Floating pan.	.016	.046	.043	.145	.221	.076	.076	.039	.044	.040	.022	.060	.051	.010	.148	.055	.057	.046	.015	.035	.161	.093	.067	.040	.006	.070	.092	*	*	*	1.385	2.159
	Wind movmt.	15	8	50	163	154	33	24	19	39	12	25	18	18	23	228	154	78	29	35	91	146	145	92	25	43	83	76	*	417	108	166	2.517
Beeville.....	Evaporation..	.115	.046	.024	.290	.120	.085	.085	.045	.056	.033	.018	.060	.012	.063	.194	.038	.049	.027	.100	.000	.149	.097	.018	.033	.056	.091	.135	.000	.000	.006	.085	2.075
	Wind movmt.	73	106	160	312	94	56	95	159	91	45	45	61	183	155	397	206	145	66	72	135	266	222	94	82	177	61	306	425	199	334	230	4.952
	Evaporation..	.183	.091	.094	.074	.056	.115	.197	.136	.024	.077	.098	.148	.040	.095	.116	.089	.030	.038	.076	.134	.039	.065	.046	.061	.045	.056	.077	.043	.133	.039	.040	2.555
Spur.....	Evaporation..	.183	.091	.094	.074	.056	.115	.197	.136	.024	.077	.098	.148	.040	.095	.116	.089	.030	.038	.076	.134	.039	.065	.046	.061	.045	.056	.077	.043	.133	.039	.040	2.555
	Wind movmt.	50	50	170	190	160	100	110	69	31	89	101	70	40	121	190	110	40	30	140	160	80	51	70	80	40	40	130	90	110	70	41	2.828

†Estimated *Included in next reading Observations taken at 8 a. m.

MISCELLANEOUS PHENOMENA (WITH DATES)

Thunderstorms, (number of stations reporting): 3d, 2; 4th, 2; 11th, 1; 26th, 1; 27th, 1; 28th, 1; and 29th, 1.
Halos, Solar: 7, 10, 12, 15, 16, 20, 22, 23, 24, 30, and 31.
Halos, Lunar: 7, 22, 23, 24, 25, 26, 27, 30, and 31.
Frost, Killing: On the 23d to the Gulf of Mexico at Port Arthur and Galveston, but the Rio Grande Valley escaped with only light to heavy frosts. Prior to this date killing frost had occurred over practically the remaining portions of the State. On the 28th as far south as Corpus Christi, while the extreme southern portion and some portions of the coastal section north of Corpus Christi escaped with only heavy frost.

OBSERVERS' REMARKS

Dimmitt: Weather has been very fine for all kinds of outside work.
Dundee: Cold, dry, and windy.
Munday: There have been much high wind and sandstorms this month. It is getting dry. Small grains are needing rain. Livestock are in good shape.
Silverton: Month dry. Wheat is beginning to need rain. Threshing of maize and kaffir progressing reasonably well.
Vega: Ranges fine for stock. Ungathered grain sorghums badly damaged by hard wind on the 3d and 4th.
Bonham: This has been a very dry December.
Kaufman: Exceptionally dry. Oats killed to some extent. Turnips frozen. Rain is needed greatly for plowing.
Comanche: Rain is badly needed for winter crops and to put ground in condition for plowing. Soil is very deficient in moisture.
Eastland: Farmers need rain badly. Very little progress made in farm work. Pastures and ranges short. Stock fair.
Putnam: December was dry. No plowing done. No grass; stock in poor shape, no loss yet. Having much cloudy, cold weather.
Clifton: Farmers are pretty well up with farm work, but are needing rain.
Gatesville: No rain in December. Oats were not killed by severe weather the latter part of the month.
Temple: Latter part of this month very cold and dry. Some grain probably damaged.
Hondo: A good general rain is needed. Oats fair, need rain. Cattle and ranges fair. Crop progress better than last year at this time.
Morris Ranch: Too dry for small grains, but fine for plowing. All stock doing well.
Danewing: Weather fairly favorable for field work until the 14th. Some plowing done.

RIVER CONDITIONS

There were no important changes in the Texas rivers dur-

ing the month.

The following table shows the highest, lowest, and mean stages recorded at the various river stations during the month:

	Flood stage	Highest	Date	Lowest	Date	Mean		Flood stage	Highest	Date	Lowest	Date	Mean
<i>Rio Grande:</i>													
Del Rio.....	10	1.0	1†	0.7	27†	0.8	<i>Brazos-Con.</i>	30	4.3	1†	3.8	29†	4.1
Eagle Pass...	16	3.3	31	3.1	13†	3.2	Little River.	44	1.8	1†	0.5	29†	1.1
Laredo.....	27	0.7	31	0.3	17†	0.4	Washington	46	6.6	1	5.2	28†	5.7
Riogrande...	15	0.3	7†	0.1	1†	0.2	Rosenberg.	40	4.5	1	2.5	29	3.2
Mission.....	24	6.3	20†	5.4	3†	6.1	Freeport....	4	.....	.....	.....	.....	.....
San Benito...	21	11.4	30†	9.0	2	10.4	<i>Trinity:</i>						
<i>Nueces:</i>							Bridgeport.	25	5.8	1	5.2	27†	5.4
Cotulla.....	15	8.9	30†	8.7	1†	8.7	Port Worth.	30	6.4	1†	6.2	21	6.3
Three Rivers.	37	2.6	17	1.1	14	1.6	Carrollton..	7	0.2	1†	0.2	31	0.2
<i>Guadalupe:</i>							Dallas.....	25	5.3	7	4.5	6	4.6
N. Braunfels.	20	1.9	9†	1.7	20†	1.8	Trinidad....	28	3.7	1	3.5	8†	3.5
Gonzales.....	22	0.3	1†	0.7	25†	0.8	Long Lake.	40	5.2	2†	4.4	5†	4.6
Victoria.....	16	1.9	18	0.8	24†	1.2	Riverside...	40	2.7	1†	2.0	29†	2.3
<i>Colorado:</i>							Liberty.....	25	6.6	20†	4.0	31	5.4
Hallinger....	28	0.9	1†	0.8	27†	0.9	<i>Neches:</i>						
Marble Falls.	27	2.4	1	2.0	23†	2.2	Rockland....	22	6.0	1	2.2	18†	3.5
Austin.....	18	1.0	1	0.6	10†	0.7	Beaumont...	7	3.1	1	0.1	28	1.5
Smithville...	24	1.0	1†	1.0	1†	1.0	<i>Sabine:</i>						
Columbus....	28	7.6	20	6.8	29	7.1	Logansport.	25	7.4	19	3.7	11†	4.8
<i>Brazos:</i>							Bon Wier....	20	11.3	17	4.0	14	6.6
Kopperl.....	21	2.3	1†	1.1	31	1.7	Orange.....	4	1.8	1	1.7	28	0.1
Waco.....	27	6.8	3	6.0	30†	6.3	.....	.....	.....	.....	.....	.....

†Also on subsequent dates *Minus

Notes for Climatological Tables See pages 90, 91, and 92

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means.
 Reference letters, a, b, c, appearing in the table indicate number of days missing; for example, b represents 2 days, etc.
 †Also on other dates. ††Received too late to be included in means and summaries. **Temperature data are from observed readings of the dry bulb; means are computed from observed readings. †† Post-office address stated in "Notes for Precipitation Tables". T. Precipitation is less than 0.01 inch rain or melted snow.

Notes for Daily Precipitation Tables See pages 92, 93, and 94

Except as otherwise indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. **Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.
 †† Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. * Precipitation included in the next following measurement. †Separate dates of falls not recorded. T. Trace, or less than 0.01 inch.
 †† Post-office addresses of these stations are as follows: Lieb (near), Spearman; Finley, Naples; Index, Texarkana; Ringo Crossing, Sulphur Bluff; Winfield (near), Mount Vernon; Hovey, Alpine; O 2 Ranch, Marfa; Study Butte, Mariscal; Substation No. 14, Sonora; Long Lake, Oakwood; Fort Clark, Brackettville; Fort McIntosh, Laredo; Hill's Ranch, Austin; La Parra, Sarita; Ricardo, Kingsville; Santa Gertrudis, Kingsville.

Notes for Daily Temperature Table See page 95

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.
 Reference letters, a, b, c, appearing in the table indicate number of days missing; for example, b represents two days, etc.
 The initial station of each State division in temperature table is indicated by a numeral: (1), Northwestern; (2), Northeastern; (3), Western; (4), Central; (5), Eastern; (6), Southwestern; and (7), Coast.

ERRATA.

Correct Monthly Climatological Data for October, 1925, to read:
 Conroe: Number of clear days, 15; cloudy days, 11; prevailing direction of wind, southwest. Flint: Precipitation on the 28th and 30th, trace. Raymondville: Monthly mean temperature, 75.7°; departure from normal, plus 2.6°. Rotan: Prevailing direction of wind, north.
 Correct Monthly Climatological Data for November, 1925, to read:
 Hill's Ranch: Lowest temperature, 28°.
 W. B. O. Houston, 1-15-26-1130